

# SEARCH HISTORY / SEQ SEARCH

(FILE 'HOME' ENTERED AT 13:33:16 ON 23 OCT 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 13:33:19 ON 23 OCT 2004

L1 35012 S SERINE (2N) PROTEASE  
L2 9 S L1 (10N) (MUTA? (5N) (CYS OR CYSTEINE))  
L3 5 DUP REM L2 (4 DUPLICATES REMOVED)  
L4 663 S L1 (10N) (MUTA?)  
L5 61 S L4 AND (CYS OR CYSTEINE)  
L6 34 DUP REM L5 (27 DUPLICATES REMOVED)  
L7 13475 S (CYS OR CYSTEINE) (5N) (SERINE OR SER)  
L8 3733 S L7 (10N) (MUTA? OR MODIF? OR SUBSTI?)  
L9 230 S L8 AND PROTEASE  
L10 92 S L8 AND (L1)  
L11 49 DUP REM L10 (43 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 14:06:58 ON 23 OCT 2004

FILE 'MEDLINE, CAPLUS, BIOSIS, AGRICOLA' ENTERED AT 14:09:31 ON 23 OCT 2004

L12 973 S L1 AND THERMO?  
L13 95 S L12 (10N) (CYS OR CYSTEINE)  
L14 49 DUP REM L13 (46 DUPLICATES REMOVED)  
L15 318 S L1 (10N) THERMO?  
L16 3 S L15 (10N) (CYS OR CYSTEINE)  
L17 1 DUP REM L16 (2 DUPLICATES REMOVED)  
L18 6 S L15 (20N) (CYS OR CYSTEINE)  
L19 2 DUP REM L18 (4 DUPLICATES REMOVED)

|    | Type | Hits  | Search Text  | DBs                                       |
|----|------|-------|--|---|
| 1  | IS&R | 4     | ((("5972616") or ("6649741"))).PN.   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 2  | BRS  | 8     | "6451500"  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 3  | BRS  | 17    | "5972616"  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 4  | BRS  | 2     | "6797504"  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 5  | BRS  | 19    | mtsp1  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 6  | BRS  | 2     | "6797504"  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 7  | BRS  | 2     | "20030119168"  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 8  | BRS  | 2     | "20030119168"<br>and substantially   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 9  | BRS  | 10530 | serine near2 protease  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 10 | BRS  | 1144  | (serine near2 protease) near10<br>(mutation or mutant or cys or cysteine)                        | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 11 | BRS  | 8     | (serine near2 protease) near10<br>(mutation or mutant) near10 (cys or<br>cysteine)               | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 12 | BRS  | 3646  | (serine near2 protease) and (mutation<br>or mutant) and (cys or cysteine)                        | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 13 | BRS  | 335   | (serine near2 protease) and ( (mutation<br>or mutant) near10 (cys or cysteine))                  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 14 | BRS  | 39    | (human near5 (serine near2 protease))<br>and ( (mutation or mutant) near10 (cys<br>or cysteine)) | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 15 | BRS  | 3280  | human near2 (serine neare2 protease)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 16 | BRS  | 943   | human near2 (serine near2 protease)  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |

|    | Time Stamp       | Comments | Error Definiti | Errors |
|----|------------------|----------|----------------|--------|
| 1  | 2004/10/23 12:59 |          |                | 0      |
| 2  | 2004/10/19 13:58 |          |                | 0      |
| 3  | 2004/10/23 11:45 |          |                | 0      |
| 4  | 2004/10/23 13:34 |          |                | 0      |
| 5  | 2004/10/19 14:11 |          |                | 0      |
| 6  | 2004/10/23 13:35 |          |                | 0      |
| 7  | 2004/10/23 13:36 |          |                | 0      |
| 8  | 2004/10/23 11:46 |          |                | 0      |
| 9  | 2004/10/23 12:59 |          |                | 0      |
| 10 | 2004/10/23 13:00 |          |                | 0      |
| 11 | 2004/10/23 13:01 |          |                | 0      |
| 12 | 2004/10/23 13:01 |          |                | 0      |
| 13 | 2004/10/23 13:07 |          |                | 0      |
| 14 | 2004/10/23 13:23 |          |                | 0      |
| 15 | 2004/10/23 13:24 |          |                | 0      |
| 16 | 2004/10/23 13:24 |          |                | 0      |

|    | Type | Hits | Search Text   | DBs                                       |
|----|------|------|---|---|
| 17 | BRS  | 20   | (human near2 (serine near2 protease))<br>near10 (mutant or mutation)                            | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 18 | BRS  | 19   | ((human near2 (serine near2 protease))<br>near10 (mutant or mutation)) and<br>(cysteine or cys) | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 19 | BRS  | 2477 | (cysteine or cys) near10 (mutation or<br>mutant)  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 20 | BRS  | 4    | ( (cysteine or cys) near10 (mutation or<br>mutant)) near10 (serine near2 protease)              | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 21 | BRS  | 2    | "6797504"   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 22 | BRS  | 0    | "6797504" and cystene   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 23 | BRS  | 0    | "6797504" and cysteine  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 24 | BRS  | 2    | "6797504" and cys   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 25 | BRS  | 2    | "20030119168"   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 26 | BRS  | 2    | "20030119168"<br>and cys  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 27 | BRS  | 60   | mutein near10 cys   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 28 | BRS  | 13   | (mutein near10 cys) near10 (serine<br>near2 protease)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 29 | BRS  | 0    | (mutein near10 cys) near10 (serine<br>near2 protease)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 30 | BRS  | 0    | (mutein near10 cys) near20 (serine<br>near2 protease)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 31 | BRS  | 515  | (mutein or mutant) near10 cys   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |
| 32 | BRS  | 1776 | (mutein or mutant) near10 (cys or<br>cysteine)  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT; |

|    | Type | Hits  | Search Text  | DBs  |
|----|------|-------|--|--|
| 33 | BRS  | 10530 | serine near2 protease  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 34 | BRS  | 12052 | ((mutein or mutant) near10 (cys or cysteine)) neare10 (serine near2 protease)  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 35 | BRS  | 0     | ((mutein or mutant) near10 (cys or cysteine)) near10 (serine near2 protease)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 36 | BRS  | 1     | ((mutein or mutant) near10 (cys or cysteine)) near20 (serine near2 protease)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 37 | BRS  | 10530 | l18near (serine near2 protease)  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 38 | BRS  | 0     | ((mutein or mutant) near10 (cys or cysteine)) near (serine near2 protease)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 39 | BRS  | 254   | ((mutein or mutant) near10 (cys or cysteine)) and (serine near2 protease)  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 40 | BRS  | 757   | (serine near2 protease) and ((cys or cysteine) near10 (substituted or mutated))  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 41 | BRS  | 23    | (serine near2 protease) near20 ((cys or cysteine) near10 (substituted or mutated))   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 42 | BRS  | 2327  | ((serine near2 protease))[AB]  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 43 | BRS  | 46    | ((((serine near2 protease))[AB]) and ((mutant or mutation or mutated or modified or variant) near10 (cysteine or serine)))                                     | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 44 | BRS  | 28818 | (cys or cysteine) near5 (ser or serine)  | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 45 | BRS  | 1509  | ((cys or cysteine) near5 (ser or serine)) near10 (mutation or mutant or mutated or modified or variant or substituted)   | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 46 | BRS  | 228   | ((((cys or cysteine) near5 (ser or serine)) near10 (mutation or mutant or mutated or modified or variant or substituted)) and (serine near2 protease))         | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |
| 47 | BRS  | 18    | ((((cys or cysteine) near5 (ser or serine)) near10 (mutation or mutant or mutated or modified or variant or substituted)) and (((serine near2 protease))[AB])) | USPAT; US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB |